

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1-14. (cancelled)

15. (previously presented) A window assembly as defined in ~~claim 14~~ claim 26 wherein said sub-sash frame members are mitered and welded at said corner portions of said sub-sash frame.

16. (previously presented) A window assembly as defined in ~~claim 12~~ claim 26 wherein each of said sub-sash frame members includes a base portion integrally connected to a corresponding said flange portion, and said base portion has generally an H-shape cross-sectional configuration and covers outer edge surfaces of said glass panels.

17. (previously presented) A window assembly as defined in ~~claim 12~~ claim 26 wherein each of said sash frame members includes an inner wall defining a recess, and said retaining flange portion of the corresponding said glazing member seats within said recess and presses laterally inwardly against the corresponding said sub-sash frame member.

18. (original) A window assembly comprising a rectangular outer sash frame including a set of elongated sash frame members of extruded rigid plastics material with said sash frame members rigidly connected at corner portions of said sash frame, a set of parallel spaced rectangular inner and outer glass panels surrounded by said outer sash frame, said sash frame members including flange portions

projecting laterally inwardly and overlapping a peripheral edge portion of said outer glass panel, said flange portions having integral flexible lip seals engaging said outer glass panel, a rectangular inner sub-sash frame disposed within said outer sash frame and including elongated sub-sash frame members of extruded rigid plastics material, said sub-sash frame members rigidly connected at corner portions of said sub-sash frame and including laterally inwardly projecting flange portions overlapping a peripheral edge portion of said outer glass panel, a bonding material securing said flange portions of said sub-sash frame members to said peripheral edge portion of said outer glass panel, said flange portions of said sash frame members having inwardly projecting longitudinally extending ribs, said sub-sash frame members have base portions with longitudinally extending slots receiving said ribs to limit lateral movement of said sub-sash frame within said outer sash frame, a set of elongated glazing members of extruded plastics material, said glazing members including laterally inwardly projecting flange portions overlapping a peripheral edge portion of said inner glass panel, and said glazing members including retaining portions releasably engaging said outer sash frame and spring-like flange portions releasably engaging said base portions of said sub-sash frame members.

19. (original) A window assembly as defined in claim 18 wherein said sub-sash frame members are mitered and welded at said corner portions of said sub-sash frame.

20. (original) A window assembly as defined in claim 18 wherein said base portion of each said sub-sash frame member has inwardly and outwardly facing grooves and a generally H-shape cross-sectional configuration, and said base portions cover outer edge surfaces of said glass panels.

21. (cancelled)

22. (previously presented) A window assembly comprising a rectangular outer sash frame including a set of elongated sash frame members of extruded rigid plastics material with said sash frame members rigidly connected at corner portions of said sash frame, a set of parallel spaced rectangular inner and outer glass panels surrounded by said outer sash frame, said sash frame members including flange portions projecting laterally inwardly and overlapping a peripheral edge portion of said outer glass panel, a rectangular inner sub-sash frame disposed within said outer sash frame and including elongated sub-sash frame members of extruded rigid plastics material, said sub-sash frame members including laterally inwardly projecting flange portions overlapping a peripheral edge portion of at least one of said glass panels, a bonding material securing said flange portions of said sub-sash frame members to said peripheral edge portion of said one glass panel, a set of elongated glazing members of extruded plastics material, said glazing members including laterally inwardly projecting flange portions overlapping a peripheral edge portion of said inner glass panel, said glazing members including retaining portions engaging said outer sash frame, each of said sash frame members including an inner wall defining a recess, and said retaining portion of the corresponding said glazing member comprises a spring-like flange portion seated within said recess and pressing against the corresponding said sub-sash frame member.

23-25. (cancelled)

26. (previously presented) A window assembly comprising a rectangular outer sash frame including a set of elongated sash frame members of extruded rigid plastics material with said sash frame members rigidly connected at corner portions of said sash frame, a set of parallel spaced rectangular inner and outer glass panels surrounded by said outer sash frame, said sash frame members including flange portions projecting laterally inwardly and overlapping a peripheral edge portion of said outer glass panel, said flange portions having integral flexible lip seals engaging said outer glass panel, a rectangular inner sub-sash frame disposed

within said outer sash frame and including elongated sub-sash frame members of extruded rigid plastics material, said sub-sash frame members including laterally inwardly projecting flange portions overlapping a peripheral edge portion of at least one of said glass panels, a bonding material securing said flange portions of said sub-sash frame members to said peripheral edge portion of said one glass panel, a set of elongated glazing members of extruded plastics material, said glazing members including laterally inwardly projecting flange portions overlapping a peripheral edge portion of said inner glass panel, said glazing members including retaining portions releasably engaging said outer sash frame and spring-like flange portions releasably engaging said sub-sash frame, and said sash frame members and said sub-sash frame members have longitudinally extending interfitting portions limiting lateral movement of said sub-sash frame within said outer sash frame.

27-30. (cancelled)

31. (new) A window assembly comprising a rectangular outer sash frame including a set of elongated extrusions of rigid plastics material forming outer sash frame members having mitered and welded corner portions for said sash frame, a set of parallel spaced rectangular inner and outer glass panels surrounded by said outer sash frame and having peripheral edge portions bonded together, said sash frame members of said outer sash frame including integral flange portions projecting laterally inwardly and overlapping a peripheral edge portion of said outer glass panel, said flange portions of said outer sash frame members including lip seals contacting said outer glass panel, a rectangular inner sub-sash frame disposed within said outer sash frame and including elongated extrusions of rigid plastic material forming sub-sash frame members having mitered and welded corner portions for said sub-sash frame, said sub-sash frame members including longitudinally extending and laterally inwardly projecting integral flange portions overlapping a peripheral edge portion of only said outer glass panel, said flange portions of said frame members of said outer sash frame overlapping said flange

portions of said sub-sash frame members of said inner sub-sash frame around the entire peripheral edge portion of said outer glass panel, a bonding material securing said flange portions of said sub-sash frame members to said peripheral edge portion of said outer glass panel, a set of elongated extrusions of plastics material forming removable glazing members, said glazing members including laterally inwardly projecting flange portions overlapping a peripheral edge portion of said inner glass panel and including lip seals contacting said inner glass panel, said sub-sash frame members including longitudinally extending integral base portions closely surrounding and overlapping peripheral edge surfaces of said glass panels, and said glazing members including retaining portions engaging said frame members of said outer sash frame and also engaging said base portions of said sub-sash frame members.

32. (new) A window assembly as defined in claim 31 wherein said base portions of said sub-sash frame members define longitudinally extending grooves perpendicular to said glass panels, and said flange portions of said outer sash frame members include longitudinally extending ribs projecting into said grooves to facilitate assembly of said sub-sash frame into said outer sash frame and to limit lateral movement of said sub-sash frame within said outer sash frame.

33. (new) A window assembly comprising a rectangular outer sash frame including a set of elongated extrusions of rigid plastics material forming outer sash frame members having mitered and welded corner portions for said outer sash frame, a set of parallel spaced rectangular inner and outer glass panels surrounded by said outer sash frame, said sash frame members of said outer sash frame including longitudinally extending integral flange portions projecting laterally inwardly and overlapping a peripheral edge portion of said outer glass panel, said flange portions of said outer sash frame members including lip seals contacting said outer glass panel, a rectangular inner sub-sash frame disposed within said outer sash frame and including elongated extrusions of rigid plastics material forming sub-sash

frame members having mitered and welded corner portions for said sub-sash frame, said sub-sash frame members including longitudinally extending base portions integrally connecting parallel spaced longitudinally extending wall portions projecting laterally inwardly between said peripheral edge portions of said glass panels and bonded to said edge portions of both said glass panels, said base portions of said sub-sash frame members overlapping outer peripheral edge surfaces of said glass panels, a set of elongated extrusions of plastics material forming removable glazing members including laterally inwardly projecting flange portions overlapping and sealed to a peripheral edge portion of said inner glass panel, and said glazing members including retaining portions engaging said sash frame members of said outer sash frame and also engaging said base portions of said sub-sash frame members.

34. (new) A window assembly as defined in claim 33 wherein said base portions of said sub-sash frame members define longitudinally extending grooves perpendicular to said glass panels, and said flange portions of said outer sash frame member include longitudinally extending ribs projecting into said grooves to facilitate assembly of said sub-sash frame into said outer sash frame and to limit lateral movement of said sub-sash frame within said outer sash frame.